

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023118.D
 Acq On : 02 Jul 2021 19:29
 Operator : JC/MD
 Sample : M2924-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 05 02:57:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

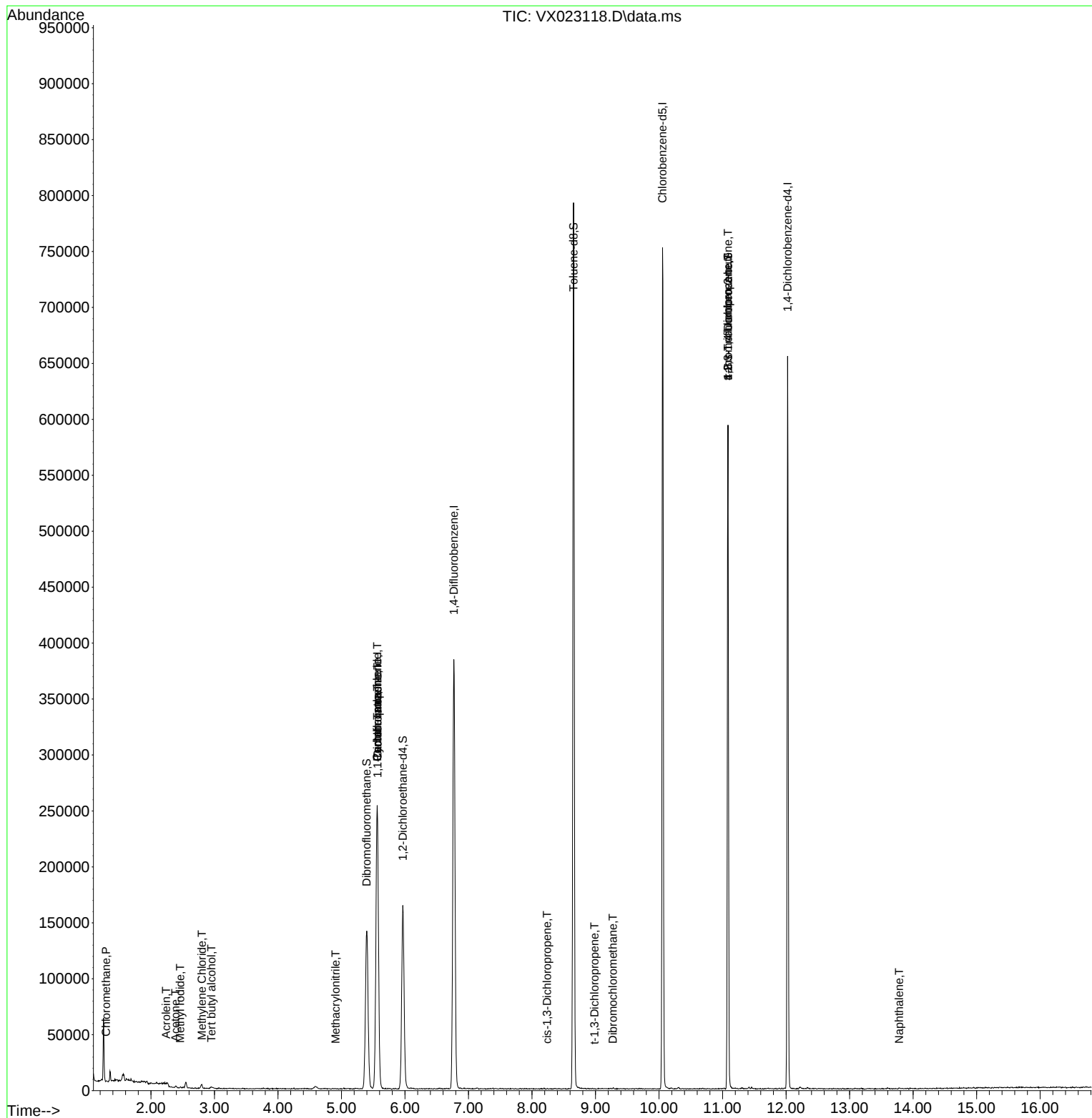
Internal Standards						
1) Pentafluorobenzene	5.562	168	231534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	383220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161755	51.981	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	103.960%		
35) Dibromofluoromethane	5.397	113	121822	49.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.460%		
50) Toluene-d8	8.653	98	456447	49.447	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.900%		
62) 4-Bromofluorobenzene	11.085	95	154251	43.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.560%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	710	0.342	ug/l	100
5) Bromomethane	1.618	94	1128	Below Cal	#	59
10) Methyl Iodide	2.459	142	911	0.332	ug/l	90
11) Tert butyl alcohol	2.953	59	764	1.167	ug/l #	73
13) Acrolein	2.239	56	279	0.640	ug/l #	1
16) Acetone	2.386	43	1801	1.463	ug/l	95
20) Methylene Chloride	2.800	84	1797	0.678	ug/l #	82
31) Cyclohexane	5.562	56	5492	1.474	ug/l #	30
36) 1,1-Dichloropropene	5.568	75	19064	5.580	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24763	6.944	ug/l #	17
41) Methacrylonitrile	4.910	41	417	0.200	ug/l #	41
53) t-1,3-Dichloropropene	8.982	75	39	2.745	ug/l #	44
54) cis-1,3-Dichloropropene	8.238	75	36	2.181	ug/l #	14
60) Dibromochloromethane	9.275	129	119	3.150	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	81742	31.771	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	81742	85.024	ug/l #	12
95) Naphthalene	13.780	128	604	1.337	ug/l #	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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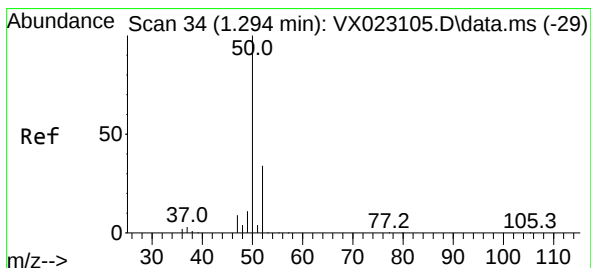
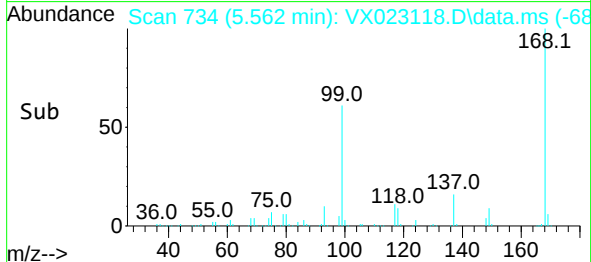
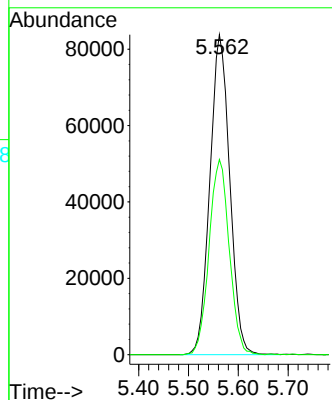
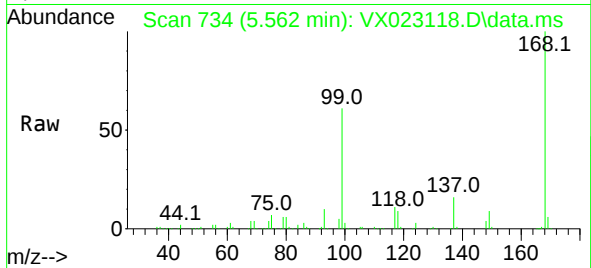




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

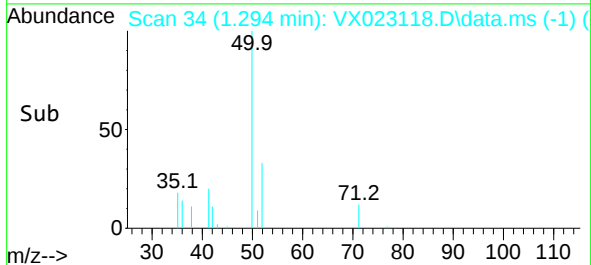
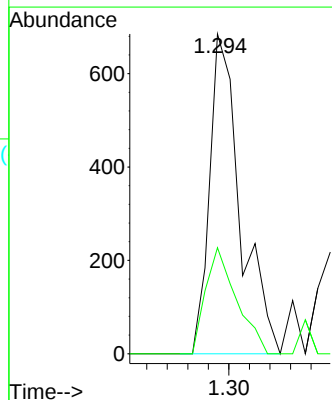
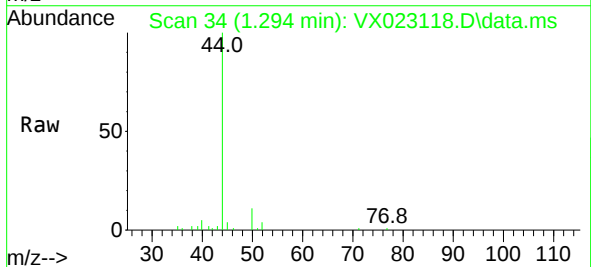
Instrument :
MSVOA_X
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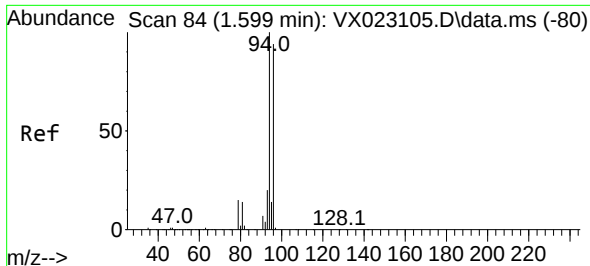
Tgt Ion:168 Resp: 231534
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 33.1 26.4 39.6

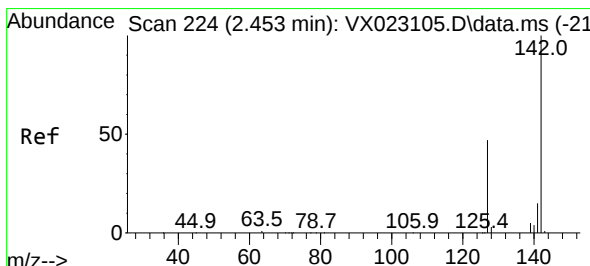
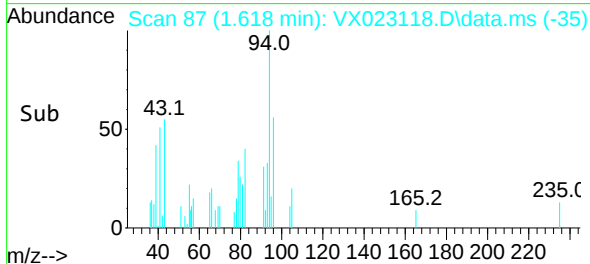
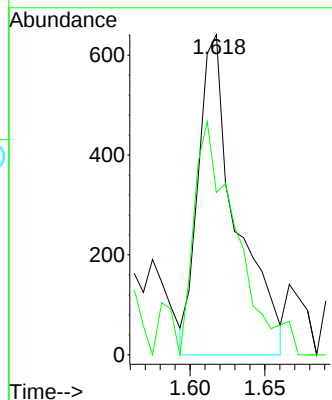
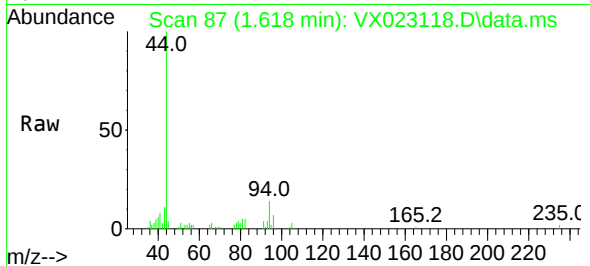




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

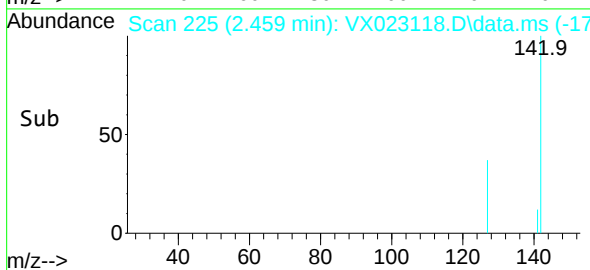
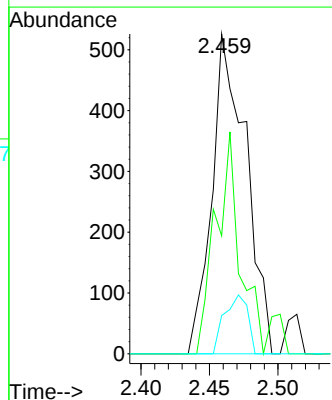
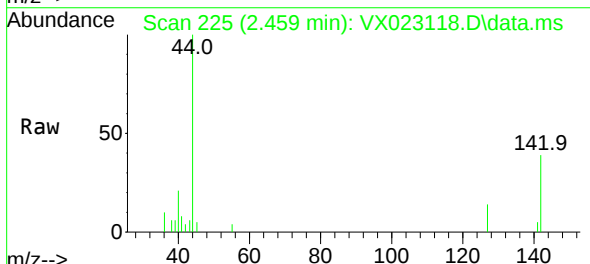
Instrument :
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ClientSampleId :
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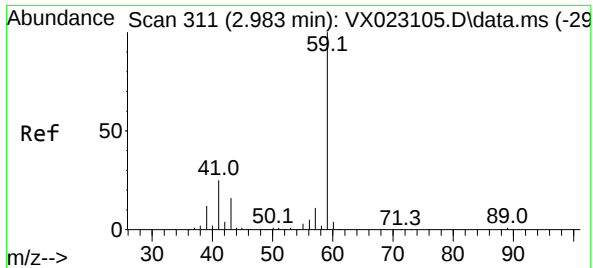
Tgt Ion: 94 Resp: 1128
Ion Ratio Lower Upper
94 100
96 55.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.332 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 142 Resp: 911
Ion Ratio Lower Upper
142 100
127 49.5 33.3 49.9
141 12.6 11.4 17.0

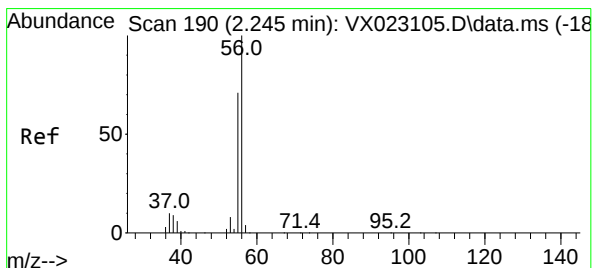
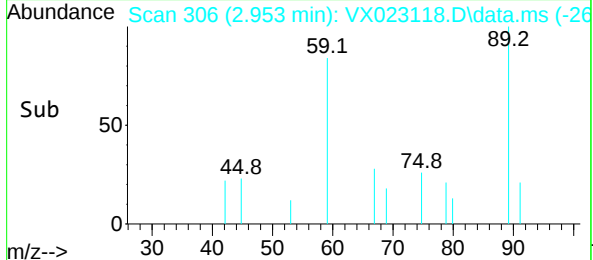
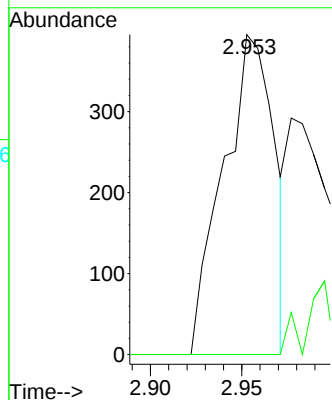
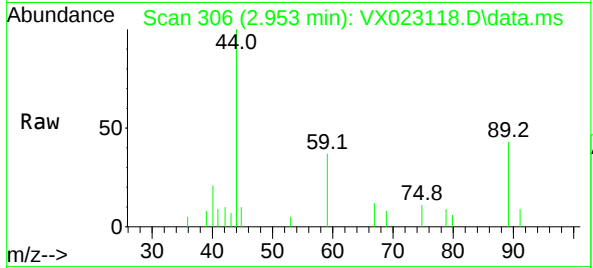




#11
Tert butyl alcohol
Concen: 1.167 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

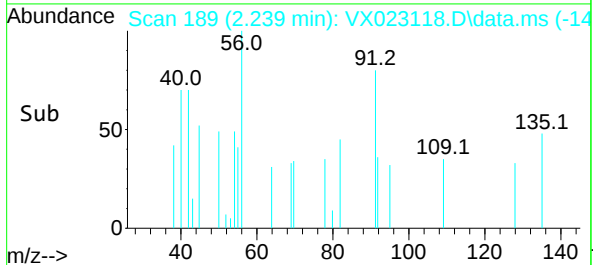
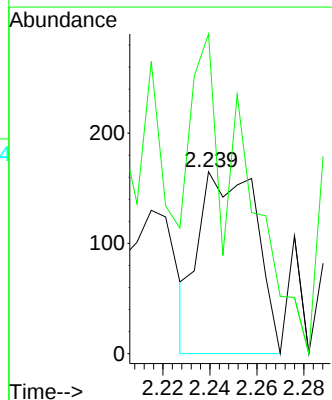
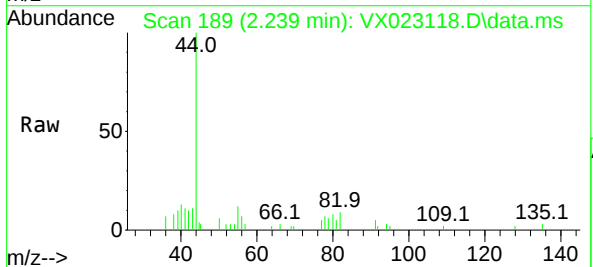
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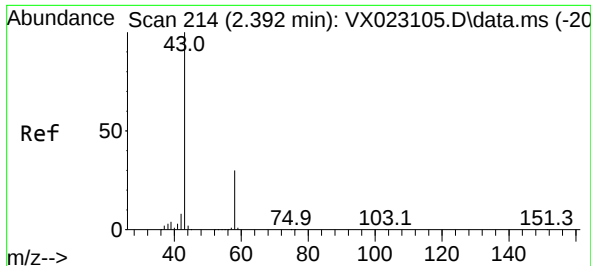
Tgt Ion: 59 Resp: 764
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.640 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 56 Resp: 279
Ion Ratio Lower Upper
56 100
55 160.2 56.4 84.6#

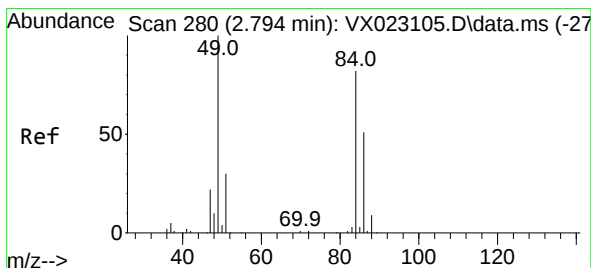
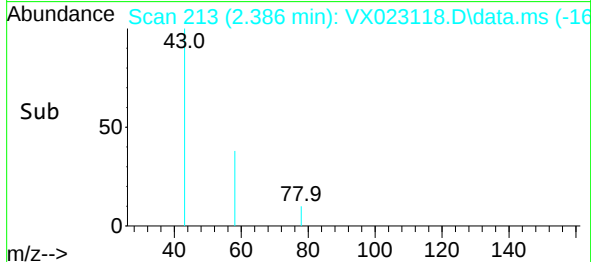
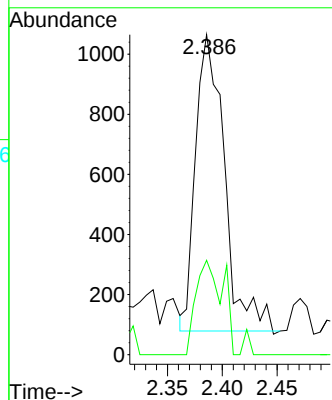
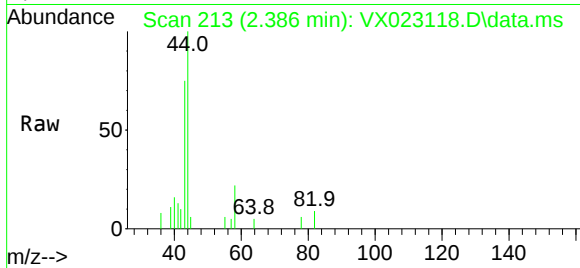




#16
Acetone
Concen: 1.463 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

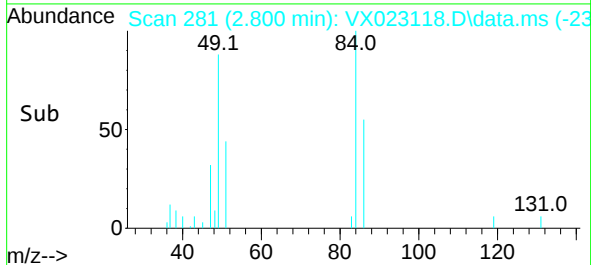
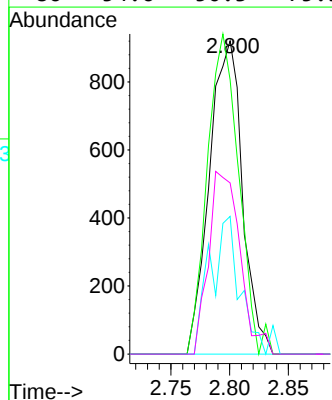
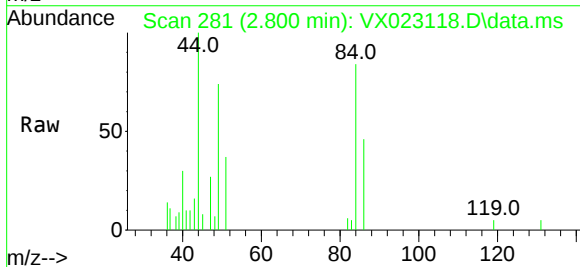
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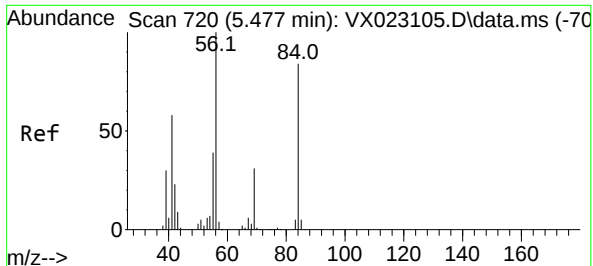
Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.678 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 84 Resp: 1797
Ion Ratio Lower Upper
84 100
49 87.5 88.6 132.8#
51 44.0 27.0 40.6#
86 54.6 50.3 75.5

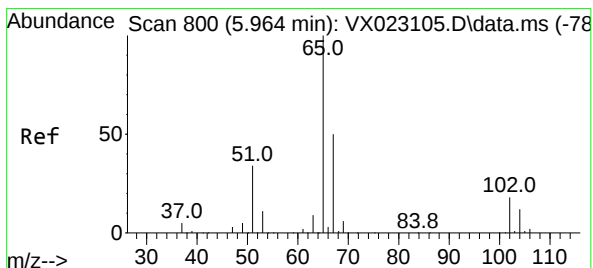
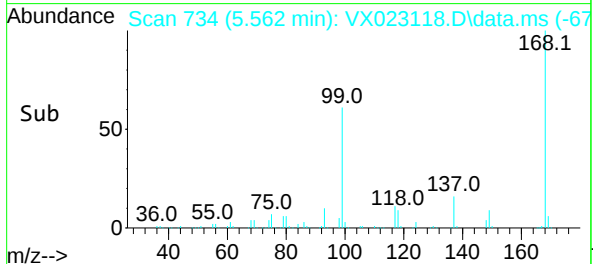
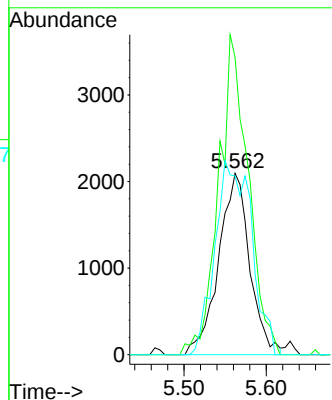
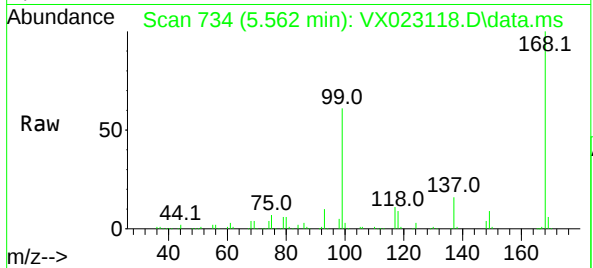




#31
Cyclohexane
Concen: 1.474 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

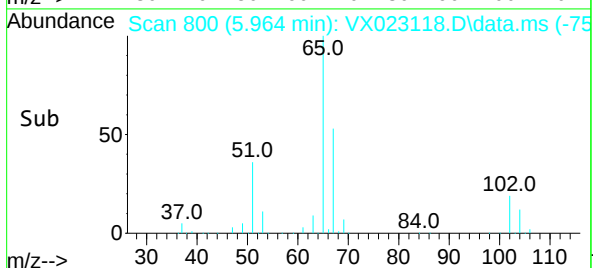
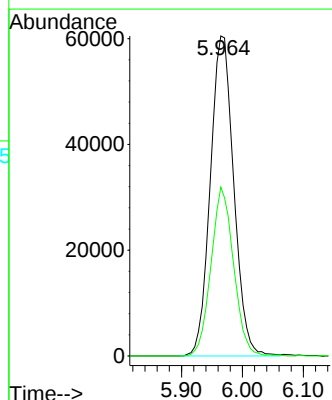
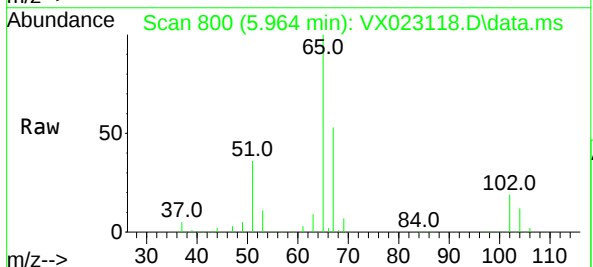
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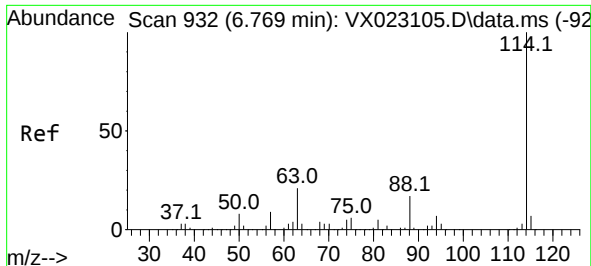
Tgt Ion: 56 Resp: 5492
Ion Ratio Lower Upper
56 100
69 163.9 25.3 37.9#
84 98.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.981 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 65 Resp: 161755
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

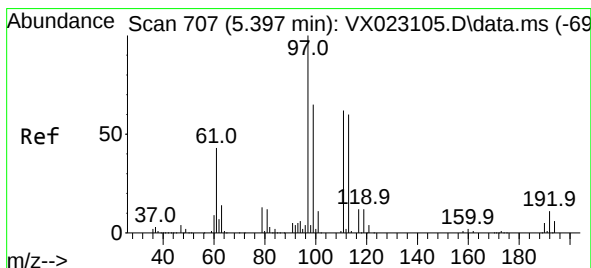
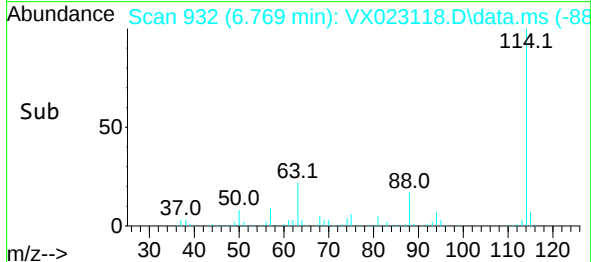
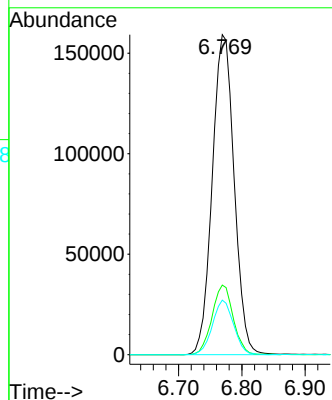
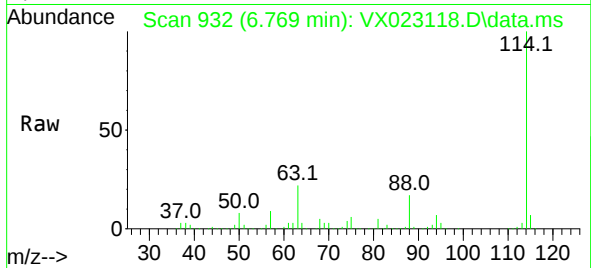




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

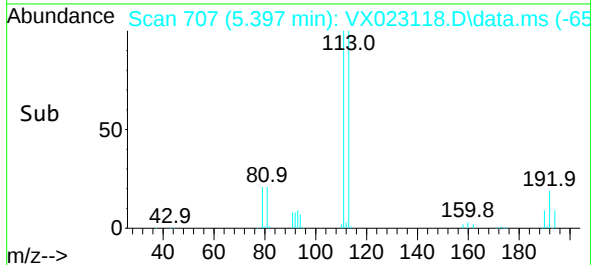
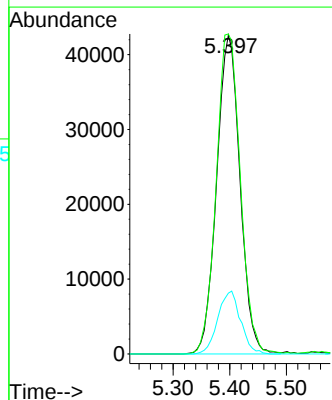
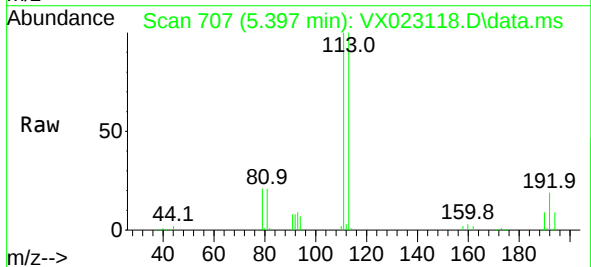
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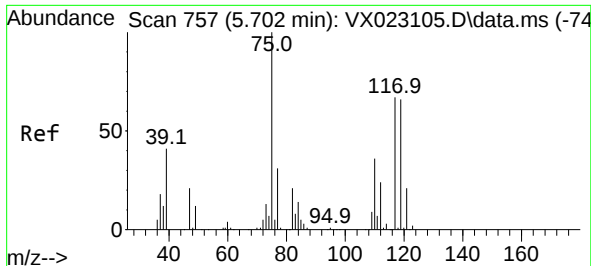
Tgt Ion:114 Resp: 383220
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.227 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion:113 Resp: 121822
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.2 16.7 25.1

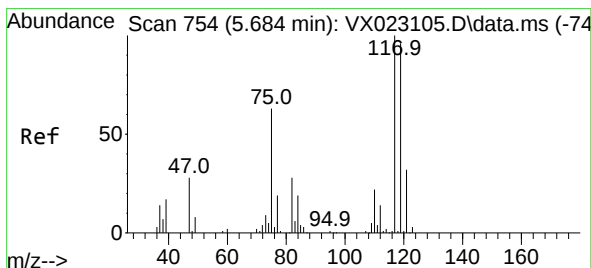
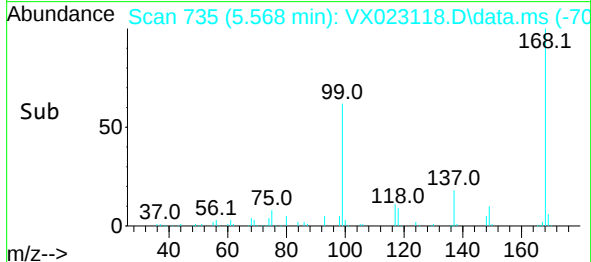
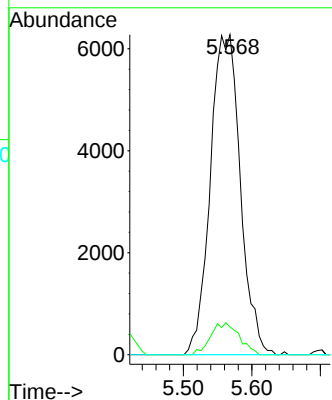
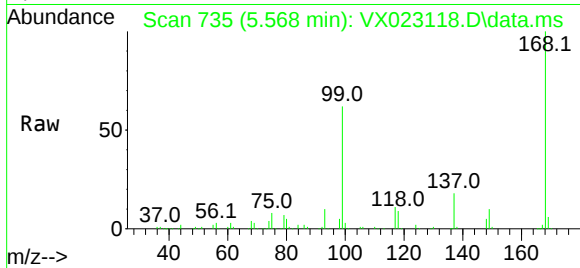




#36
1,1-Dichloropropene
Concen: 5.580 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

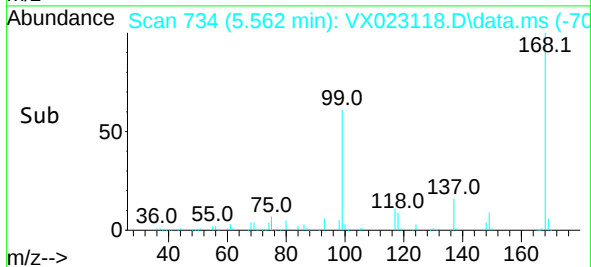
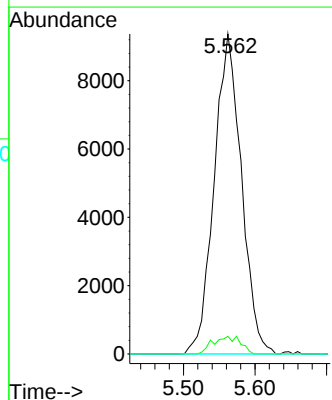
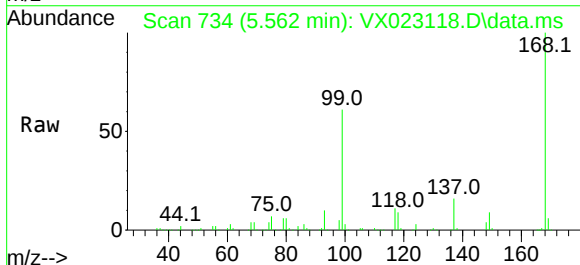
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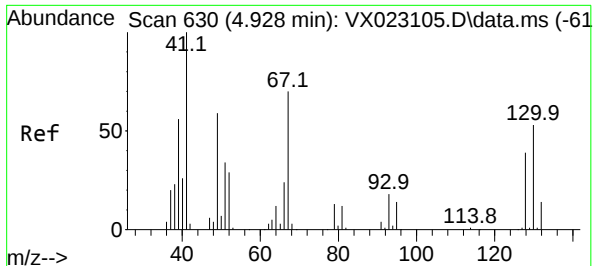
Tgt Ion: 75 Resp: 19064
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.944 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 117 Resp: 24763
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



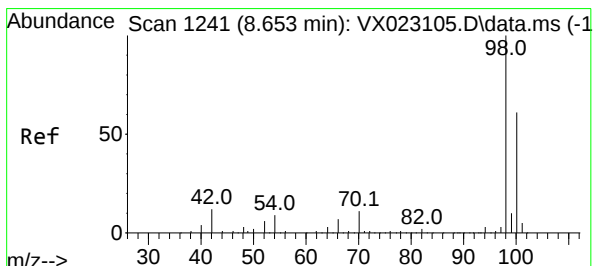
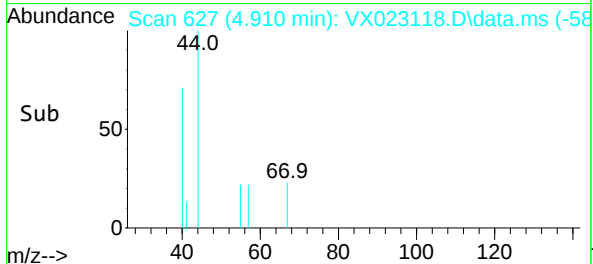
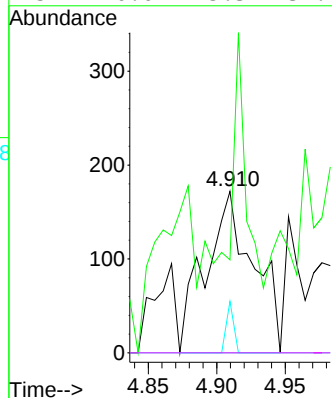
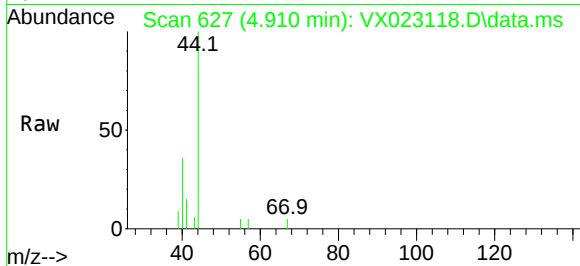


#41
Methacrylonitrile
Concen: 0.200 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.018 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 41 Resp: 417

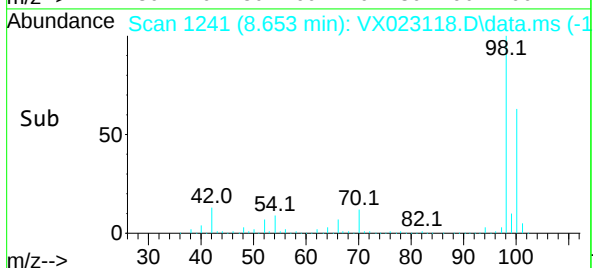
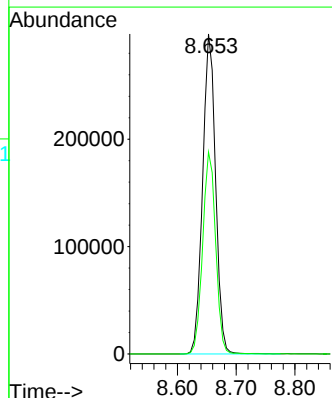
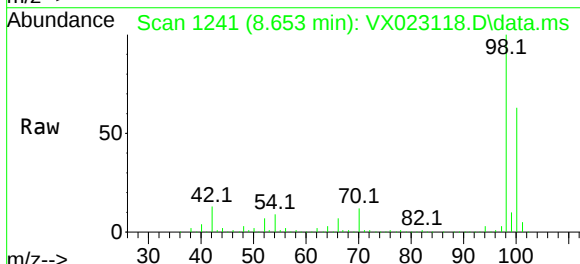
Ion	Ratio	Lower	Upper
41	100		
39	40.3	42.5	63.7#
67	4.8	65.0	97.6#
52	0.0	25.3	37.9#

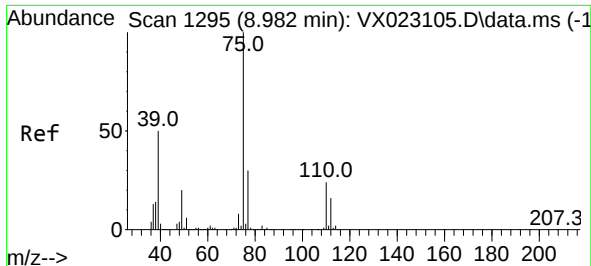


#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 98 Resp: 456447

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.9	77.9

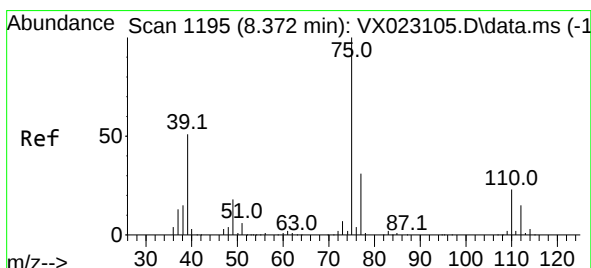
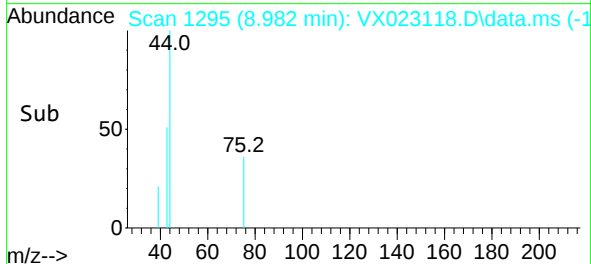
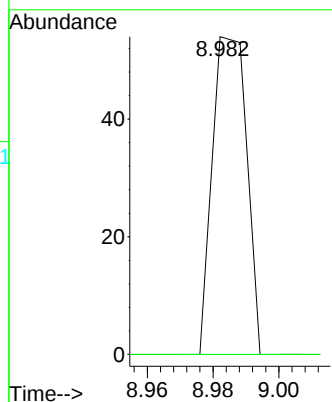
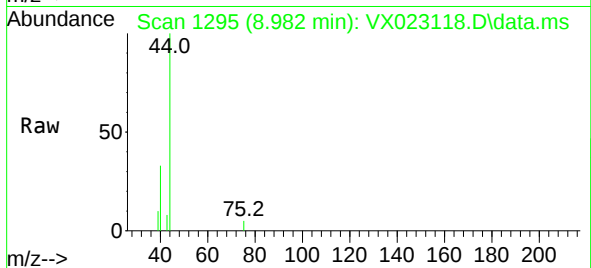




#53
t-1,3-Dichloropropene
Concen: 2.745 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

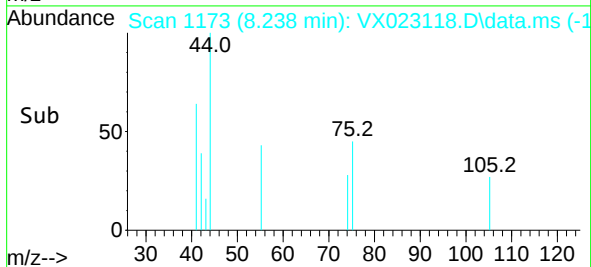
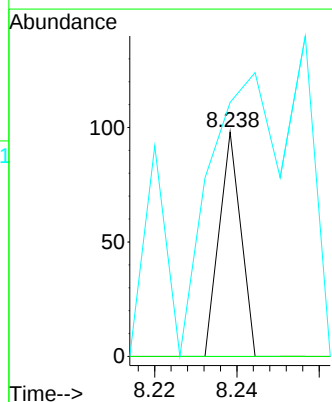
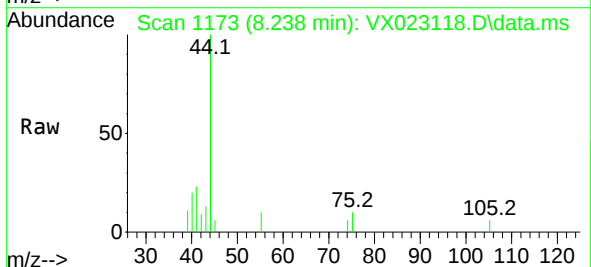
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

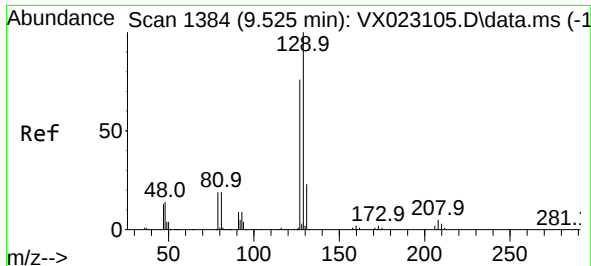
Tgt Ion: 75 Resp: 39
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.181 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.134 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 75 Resp: 36
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 113.3 35.1 52.7#

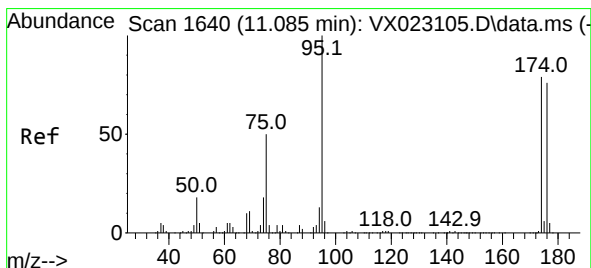
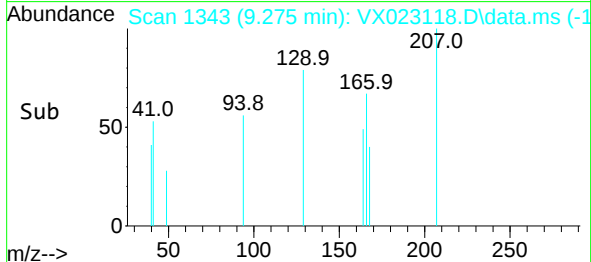
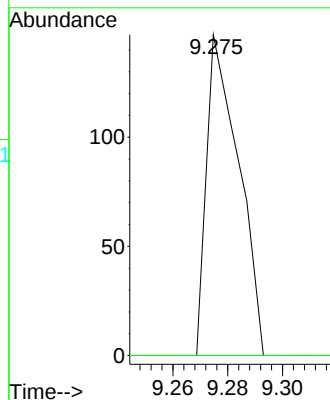
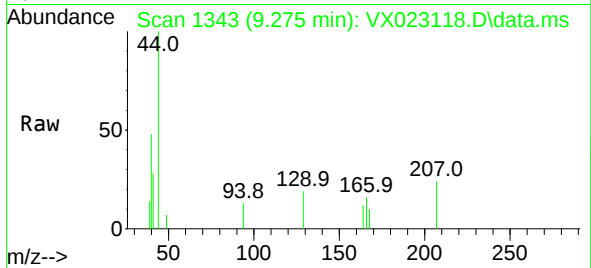




#60
Dibromochloromethane
Concen: 3.150 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

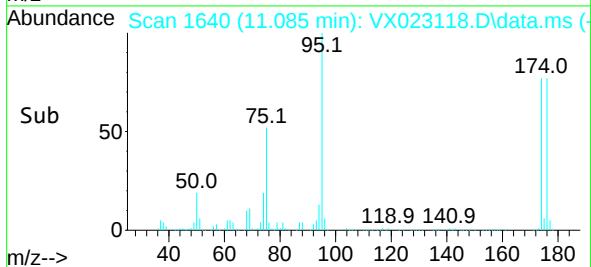
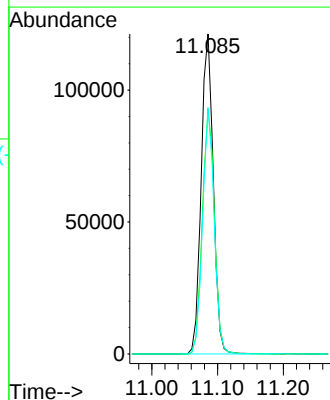
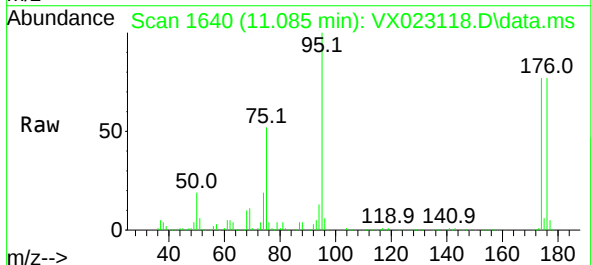
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

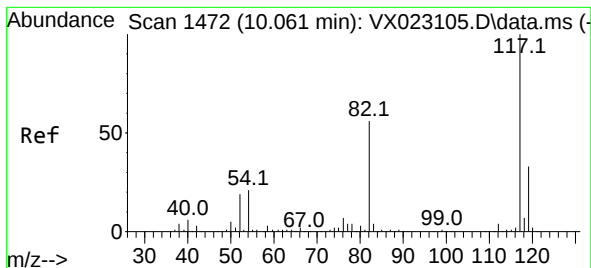
Tgt Ion:129 Resp: 119
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion: 95 Resp: 154251
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 73.7 0.0 155.8

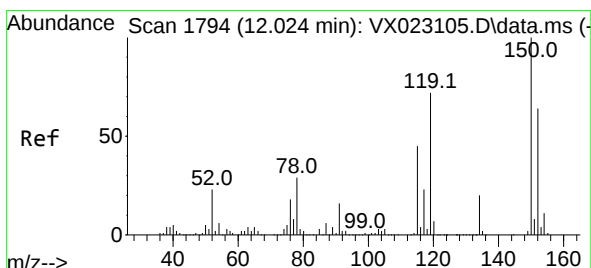
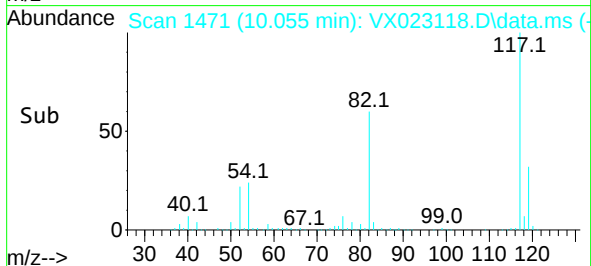
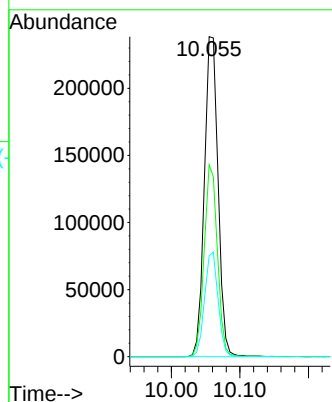
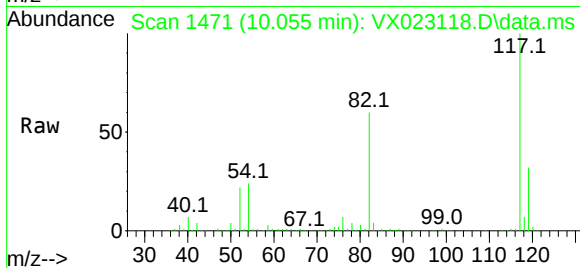




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

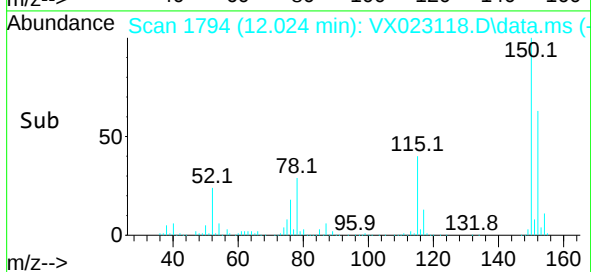
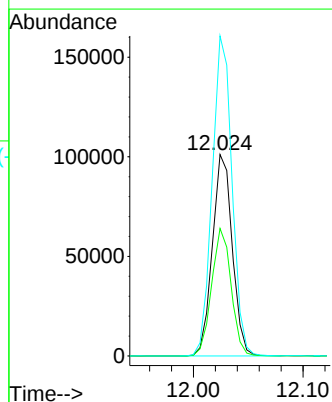
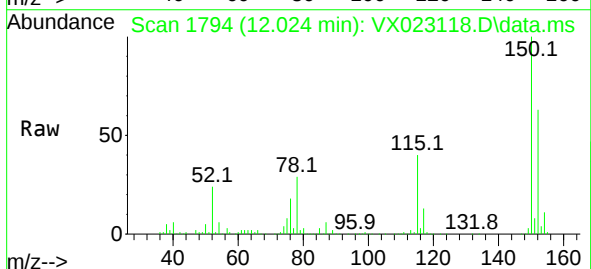
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

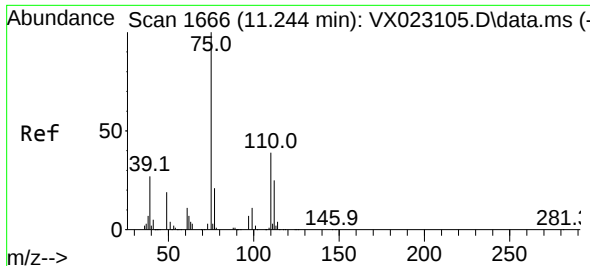
Tgt Ion:117 Resp: 332621
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Tgt Ion:152 Resp: 127854
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 157.8 0.0 349.0

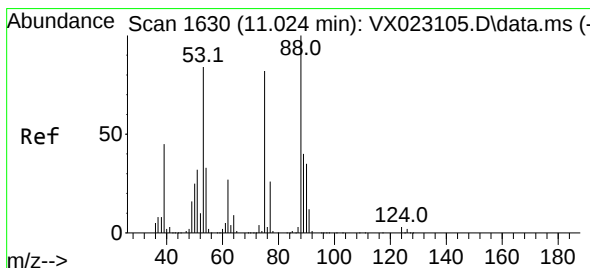
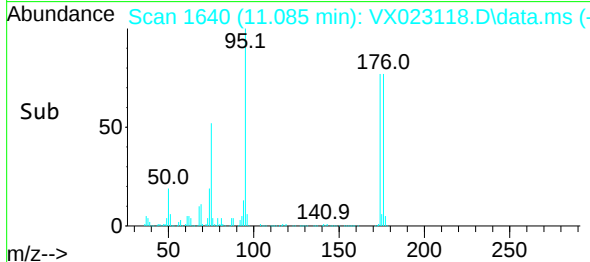
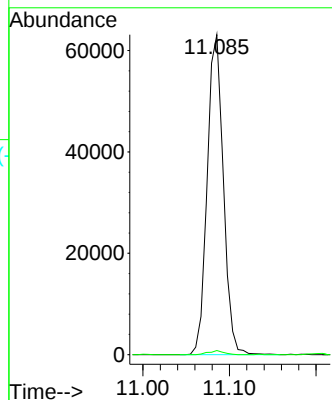
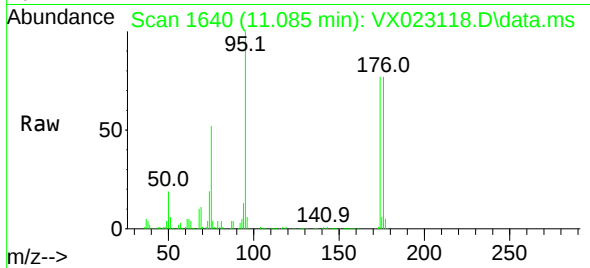




#76
1,2,3-Trichloropropane
Concen: 31.771 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

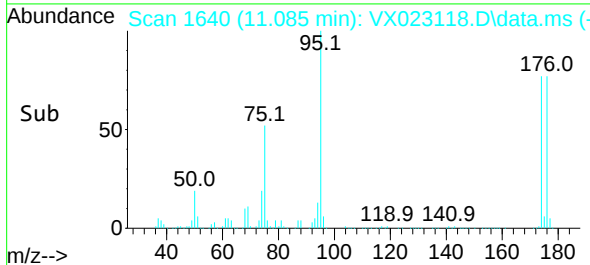
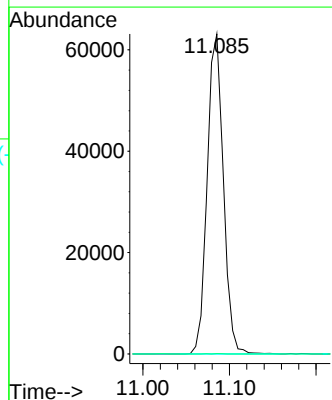
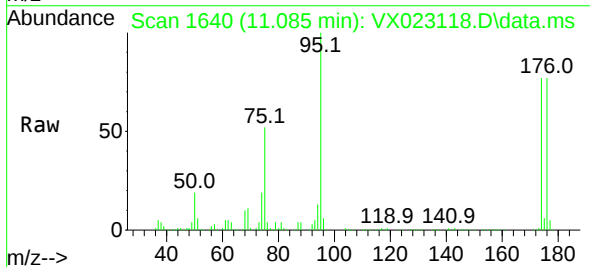
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

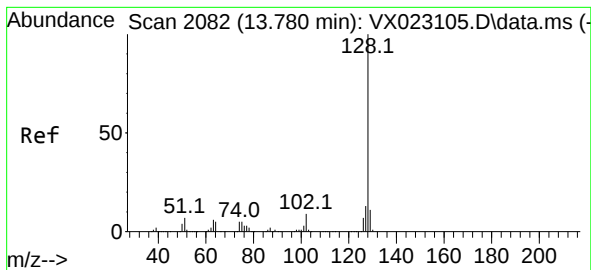
Tgt Ion: 75 Resp: 81742
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.024 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

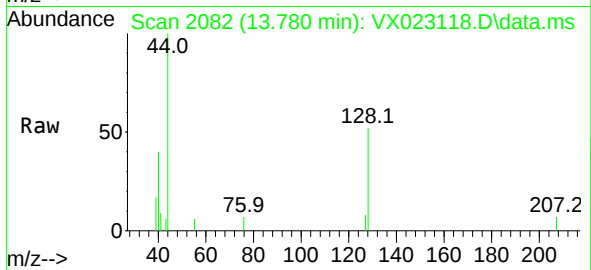
Tgt Ion: 75 Resp: 81742
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.337 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023118.D
Acq: 02 Jul 2021 19:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	128	Resp:	604
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	0.0	8.8	13.2#

